Guardian™

Trench & Site Catalogue

Edition 3



GUARDIANCIVIL.CO.NZ

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Our Guarantees

Delivery

If your trench equipment is in stock in Auckland, Christchurch, or Wellington, it will be dispatched in full the next working day, or delivery will be free. Premium, same-day delivery is available in Auckland, Wellington & Christchurch*.
*Subject to conditions.

Compliance

All products are 100% compliant with NZ safety standards.

Responsiveness

All phone calls to our free phone number, 0508 41 41 41, during work hours are answered within 30 seconds.

All emails to sales@guardiancivil.co.nz during work hours are responded to within an hour.

Reliability/Accuracy

100% accurate picking – if WE get it wrong you get 10% off your order.
*Subject to conditions.

To Read Our Guarantees, SCAN HERE!

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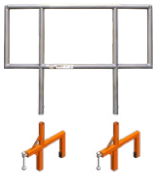
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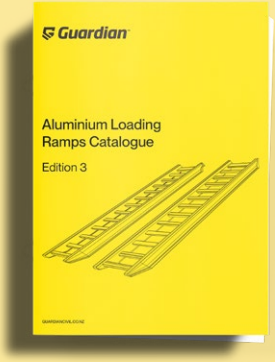
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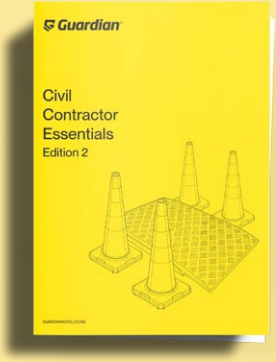
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To learn more about Guardian Loading Ramps, read our flyer here!



To learn more about Pipe Bungs and Civil Contractor Essentials, read our flyer here!

Guardian Supporting the Fulton Hogan Teams Down in the Trenches!

Founded in 1933, Fulton Hogan is one of Australasia's leading civil construction companies.

They are legends in their field.

Fulton Hogan's teams deliver high-quality infrastructure projects, from road construction and maintenance to water infrastructure and civil works. So they need to partner with trusted suppliers who give their teams the support and tools they need to work safely and efficiently.

Sorting small work sites, trench stability, and worker safety. (Tick, tick and tick.)

On the Waikowhai, Ōwairaka and Wesley, (Auckland watermain project), Fulton Hogan is working with Watercare across multiple sites. When completed, the project will upgrade crucial water infrastructure to improve services and facilitate future development in the area.

Guardian are doing their bit, supplying shoring, road plates, access platforms, and Davit winches to support the project.

Guardian trench shields meet AS/NZS standards and provide certified protection up to 7.2 metres deep.

But there's more to their story.

Glen King: Fulton Hogan Senior Supervisor

Glen has oversight of the project. He says hiring Guardian shields solved some significant challenges. "Previous shoring systems were heavy and difficult to manage – often requiring large excavators to move them around and extending the workspace."

To Read More,
SCAN HERE!





Rooney Pipelines – Civil – Infrastructure Partnership with Guardian Civil

When Pipes Tell Stories: Insights for Project Managers from Michael Rooney's Infrastructure Journey

In a sector dominated by concrete, steel, and logistical complexity, it's easy for the human narrative to vanish. Yet in our recent conversation with Michael Rooney of Rooney Pipelines Civil Infrastructure, we heard about his story of the day-to-day challenges he faces and how our Guardian shields help him to execute jobs safely, efficiently and to a top spec. Those managing projects will find plenty of value in what Michael has to say!

The Unseen Complexity of Infrastructure Work

On the surface, pipelines are utilitarian: channels for water, gas, or waste. But as Michael made clear, each job comes with a different set of challenges— live traffic, pedestrians, live services, unknown services, that add complexity to the job.

Increase productivity with a 7.2m Aluminium shield

For Michael, solving problems daily helps him to face and overcome challenges like getting quality staff and finding ongoing work in a tight market. Having access to our 7.2m aluminium shield helps Michael be more efficient as he needs a lightweight shield that his 20 tonne diggers can lift easily. The weight of the shields is what stood out to him, as our 7.2m shield allows him to lay a 6m length of sewer which he says "increases productivity" on his sites and makes the job safer.

Guardian's shields – stronger, lighter and more versatile

Michael highlighted that when he first had a look at our shields, he thought they were a pretty strong shield compared to our competitors in the same range. He now uses them extensively for installing stormwater and wastewater lines, along with our manhole boxes at various depths.

To Read More,
SCAN HERE!



PRODUCT CODE: 2301

Standard Aluminium Trench Shields

Lightweight Shields. Heavy-Duty Protection

Suitable for Small 2-Tonne Machines

Designed to be as light as possible while having maximum strength so you can use a small 2-tonne or even down to a 1.6-tonne digger. This results in less cost for machine hire, fuel, and running costs. Perfect for small to medium-sized projects making it our most popular shield.

Stackable for Versatility

The stackable feature enables customisation of trench depth from 1.2m up to 3.6m (when stacked 3 shields high). This adaptability is particularly useful in projects with varying excavation requirements.

Inbuilt Lifting Points for Safety

Equipped with inbuilt lifting points, ensuring secure handling during installation and removal. This design minimises the risk of accidents, promoting a safer work environment.

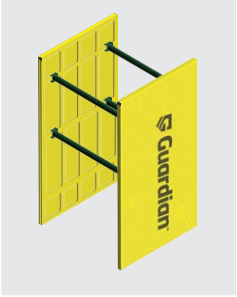
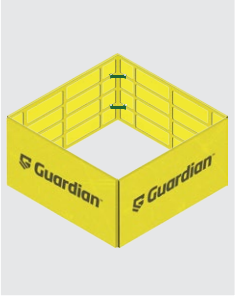
Customisable

This small trench shield can be configurated into 6+ different set-ups depending on your trench protection needs, making it a very versatile option for a small to medium urban site. The struts width is also customisable making it easy to have the right size shield to suit the site.

Certified to International Standards

This trench box meets British and European Standards BS EN 13331.1 and 13331.2, Australian and New Zealand Standard AS 4744.1-2000, and United States Standard OSHA Sub Part P. These certifications attest to its quality and reliability, ensuring compliance with safety regulations across various regions.

Six Different Ways to Set Up Standard Shields

Standard	Stacked	Vertical	3 Sided	Box	Vertical Box
					

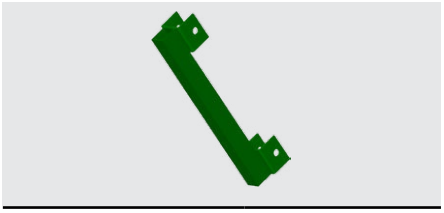
Product Code	Panel Length (m)	Panel Height (m)	Weight per set (kg)	kPa Rating	Under Strut Clearance (kg)	Panel Thickness (mm)
2301	2.4	1.2	140	20-50kPa	0.29	56

Standard 2301 Shield Accessories



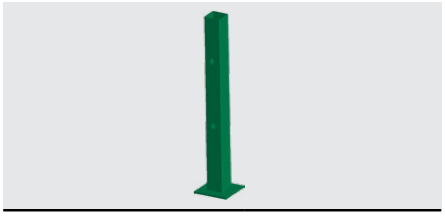
Manhole Bracket

Product Code:	2309
Weight:	1.1kg



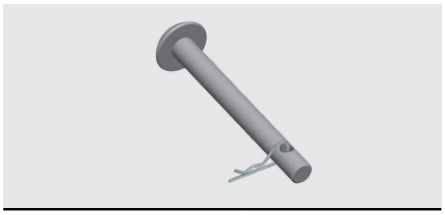
Vertical Extension Joiner

Product Code:	2307
Weight:	1.6kg



Leg

Product Code:	2306
Dimensions:	600mm
Weight:	1.9kg



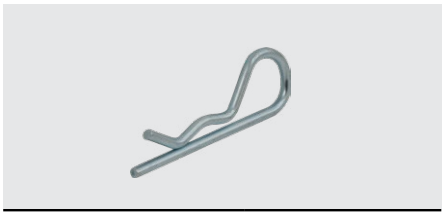
Hardened Pin and R Clip

Product Code:	2303
Dimensions:	85mm x 12mm



G Hoop Pin for Acrow Struts

Product Code:	2312
Weight:	0.5kg



Zinc plated R clip

Product Code:	3558
Dimensions:	4mm

Acrow Adjustable Strut



Product Code	Dimensions (m)	Weight (kg)
2305-XS	0.4 to 0.6	4.8
2305-S	0.6 to 0.9	7
2305-M	1.0 to 1.8	10.8
2305-L	1.5 to 2.5	13.6





PRODUCT CODE: 2375 & 2376

Large Aluminium Trench Shields

Lightweight Shields. Robust Protection

Our large trench shields are engineered to offer substantial length without excessive weight. Here's how their features benefit you in real-world applications.

Lightweight Design

Constructed from high-grade aluminum, this shield is lighter than traditional steel options, facilitating easier transport and assembly.

This is especially important for projects with weight restrictions. This allows you to use smaller less expensive machines to move the shield, saving you money on fuel and machine hire costs.

High Load Rating

Due to the design these shields not only are light but also have a higher kPa rating than other shields of similar size. This provides robust protection against soil pressure ensuring workers safety in different soil conditions and keeping your site compliant.

Adjustable Strut Sizes

Offers versatility to match different trench widths, allowing you to save money by using the same shield in multiple different width trenches.

Under Strut Clearance

Facilitates unobstructed access for personnel and equipment like pipes, streamlining operations within the trench, and allowing you to lay pipes while also protecting your team.

Extension

Idea for unforeseen depth changes for your trench. Easily attach the extension box to the top of your Guardian shield in the trench for protection at depth.



Our Range:

Extension Shield Panels & Regular Panels

Product Code	Panel Length (m)	Panel Height (m)	Panel Thickness (mm)	Weight per set (kg)	kPa Rating	Under Strut Clearance (m)
2375	3.6	2.4	90	980	43kPa	1.35
2376	3.6	1.05	90	510	43kPa	0.47
2395	5.0	2.4	150	1630	55kPa	1.35
2396	5.0	1.5	150	1200	55kPa	0.55
2398	7.2	2.4	150	2150	36kPa	1.35
2399	7.2	1.5	150	1800	36kPa	0.55

Large Shield Accessories

Rigid Strut

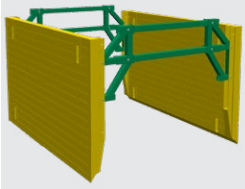


Product Code	Dimensions (m)	Weight (kg)
2332	0.6	23.4
2333	0.8	28.4
2334	1.0	33.4
2335	1.2	38.4
2337	1.5	45.9
2338	1.8	53.4
2339	2.0	58.4
2340	2.4	68.4
2341	3.0	83.4
2383	3.5	107.1
2384	4	122.5
2389	3.8	116.28

Adjustable Strut



Product Code	Dimensions (m)	Weight (kg)
2342-XS	0.6 to 0.8	30.6
2342-S	0.8 to 1.2	38
2342-M	1.2 to 2.0	59.6
2342-L	1.4 to 2.4	68.2



High Rise Strut Set (Struts Additional)

Product Code:	2379 & 2355
Weight:	371kg per set

Description:
2355 is the strut that joins the 2379 high-rise posts together.



Product Code:	2348

Description:
Hardened Locking pin with R Clip, 190x36mm, 12.9 Grade, for high-rise struts.



Vertical Extension Joiner

Product Code:	2345
Weight:	7kg



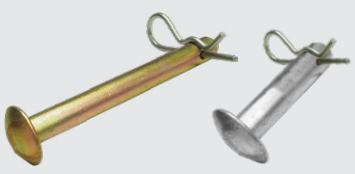
Manhole Corner Bracket

Product Code:	2344
Weight:	21.5kg



Zinc Plated 'R' Clip

Product Code:	3559
Dimensions:	5mm



Hardened Pin & Clip

Product Code:	2346 & 2347
Dimensions:	185mm x 20mm (2346) & 130mm x 25mm (2347)

Note: 2346 is for fixing struts to the shields while 2347 is for locking pin for the adjustable struts.

Manhole Boxes

Rapid Delivery. Easy Setup. Maximum Safety.

Compact & Lightweight

On a residential street with limited access, a crew can position the box using a smaller excavator—no need for heavy large gear that creates delays because of limited space.

Quick Assembly

2 people & a digger can get this box together and in place in less than 30 minutes. Quick and easy to keep tight projects on schedule.

Available in Three Sizes for the Right Fit

Choose from our range: 2.0m, 2.4m or 3.0m options. Option of using fixed or adjustable struts (ranging from 0.8m to 2.4m) allows you to tailor the box to different trench widths and project requirements, while still having the under strut clearance for a pipe to pass through the shield.

Stackable for Deeper Excavations

All sizes can be safely stacked up to three boxes high as long as the ground kPa rating doesn't exceed the box's rating for deeper trenches. This provides extended protection without the need for additional systems. In multi-stage infrastructure projects, units can be stacked as the trench deepens, maintaining safety standards without reconfiguring the setup.

Built Tough, Engineered Right

All Guardian aluminium manhole boxes are engineered to meet New Zealand and international trench safety standards. You get strength, reliability, and peace of mind on any civil site.



PRODUCT CODE: 2408

Our Range:



Product Code	Panel Length (m)	Panel Height (m)	Panel Thickness (mm)	Weight per set (kg)	kPa Rating	Under Strut Clearance (m)
2407	2	2	56	400	30kPa	0.56
2408	2.4	2.4	90	1100	90kPa	1.15
2409	3.0	2.4	90	1240	60kPa	1.15

Note: 2407 has 75mm x 75mm strut that goes in a pocket like the stacked sets pictured. The two sizes are 800mm and 1000mm making 1800mm & 2000mm overall size.

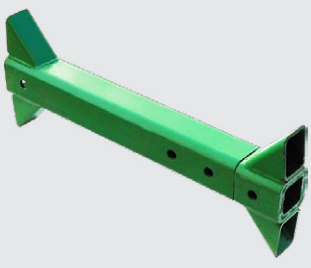
Manhole Box Accessories

Rigid Strut



Product Code	Dimensions (m)	Weight (kg)
2332	0.6	23.40
2333	0.8	28.40
2334	1.0	33.4
2335	1.2	38.4
2337	1.5	45.9
2338	1.8	53.4
2339	2.0	58.4
2340	2.4	68.4
2341	3.0	83.4
2383	3.5	107.10
2384	4	122.5
2389	3.8	116.28

Adjustable Strut



Product Code	Dimensions (m)	Weight (kg)
2342-XS	0.6 to 0.8	30.6
2342-S	0.8 to 1.2	38
2342-M	1.2 to 2.0	59.6
2342-L	1.4 to 2.4	68.2



Hardened Pin & Clip

Product Code: 2346

Dimensions: 185mm x 20mm

Note: 2346 is for fixing struts to the shields.



Hardened Pin & Clip

Product Code: 2347

Dimensions: 130mm x 25mm

Note: 2347 is for locking pin for the adjustable struts.



PRODUCT CODE: 2375 SHIELD WITH A 2369-24 END PANEL

End Closure Panels

Seamless Protection. Secure Every Side.

Extra Protection

Guardian's end panels are designed to provide a secure, lightweight alternative to traditional steel plates and chains, ensuring better trench protection with less hassle.

Easy to Use

These panels create 3 or 4 sided trench boxes, offering stability and protection against cave-ins. Their lightweight design allows for faster installation and easier handling, reducing strain on workers and improving efficiency on-site.

Still Useable in Manhole Setup

Used in manhole box setups, they provide a lower gap for pipe installations while keeping the upper trench protected. This ensures a safer workspace while maintaining a consistent trench width for streamlined operations.

Compliant

Designed to meet NZ, Australian, European, and US safety standards, Guardian end panels offer a fully compliant, practical solution for trench protection.

Product Code	Panel Length (m)	Panel Height (m)	Panel Thickness (mm)	Weight (kg)	Under Strut Clearance (m)	kPa Rating
2369-24	2.4	1.5	90	150	0.9	60kpa
2369-30	3	1.5	90	180	0.9	60kPa

Rumble Grids

More Than Hire – A Partner in Your Sites Success.

Full Tyre Rotation Cleaning

Horizontal angles are designed to agitate tyres. This thorough agitation dislodges mud, dirt, and stones from tires, reducing the risk of debris being transported off-site. To achieve a full tyre rotation, two ramps and two grids are required.

Robust Steel Construction

With a load rating of 18 tonnes per axle at 10 km/h, the steel construction ensures durability under heavy vehicle traffic, providing a reliable solution for high-traffic construction sites. It was designed with the help of a tyre expert to get maximum deflecting without the damage to the tyre walls.

Efficient Assembly and Disassembly

The kit is designed for easy setup and takedown, allowing for quick deployment and relocation as site needs change.

Enhanced Environmental Compliance

By minimising the tracking of site materials onto public roadways, the rumble grids assist in adhering to environmental regulations and reduce the need for additional street cleaning measures.

Our Range:

Product Code	Length (m)	Width (m)	Weight (kg)
2130 *(Rumble Ramp Only)*	1	4	272
2131 *(Rumble Grid Only)*	2.3	4	690
2136 *(1x Rumble Grid & 2x Ramps Kit)*	4.3	4	1234





PRODUCT CODE: 2413

Modular Trench Shoring Systems

Over 100 Different Configurations

Used when versatility is number one

The Guardian aluminium modular shoring system is a versatile solution ideal for working around multiple services, and it can be configured in hundreds of different ways. These configurations include a simple two-sided shield, a three-sided box, or a four-sided manhole box. The panels can be stacked multiple levels high, and individual panels can be removed to allow entry for pipes or other obstacles

Easy to Handle

Its lightweight aluminium panels allow for easy assembly, dismantling, and transport using a ute or small trailer, making it ideal for projects with limited access or space.

The 50mm wall thickness reduces excavation, backfilling, and restoration costs, while the gravity-activated pins enable quick assembly without additional clips. This system is suitable for various excavation projects, offering flexibility and efficiency.

Product Code	Panel Length (m)	Panel Height (mm)	Weight Per Panel (kg)	kPa Rating	Panel Thickness (mm)
2411	1.5	600	34	74kPa	50
2412	1.8	600	39	57kPa	50
2413	2.4	600	52	44kPa	50
2414	3.0	600	64	26kPa	50

"The Modular Manhole boxes are very easy to put together, we have used different sizes now, on different jobs and they are light weight so we don't have to use a massive digger. They also pack down flat making it easy to transport around and store on site.

All in all very happy with the Guardian trench shield systems as a whole we have also used the trench soldiers and they are also very helpful if having to brace around services."

3 Waters-Drainage Supervisor

5 Examples of the many different Modular Shield Configurations

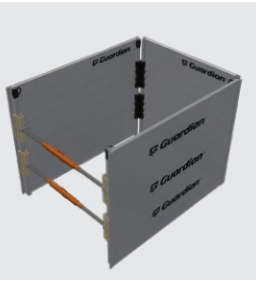
Box



With Legs



3 Sided Box



Missing Bottom Panels



Shield



Modular Trench Shoring System Accessories

Screw-In Jack Strut



Product Code	Dimensions (m)	Weight (kg)
2420	0.61 to 0.81	5.44
2421	0.81 to 1.22	7.26
2422	1.01 to 1.62	9.53
2423	1.29 to 2.18	11.34
2424	2.05 to 2.93	21.60



Lifting Eye for Modular Panel

Product Code:	2440
Weight:	1.3kg



Modular Panel Manhole Corner Connector

Product Code:	2441
Weight:	6.7kg



Modular Panel Shield Connector

Product Code:	2442
Weight:	2.8kg



Pin for Modular Panel

Product Code:	2443
Weight:	0.2kg



Modular Panel Leg

Product Code:	2444
Dimensions:	600mm
Weight:	10.2kg

Manual Soldiers

Flexible Shoring for Every Trench.



Ideal for Confined Spaces

This lightweight manual solider is specifically designed for small contractors, such as drain layers, who may not always have access to heavy machinery on-site. Weighing only 38kg per 2.4m set, its manageable size allows for easy handling without the need for a digger, making it ideal for confined spaces and quick setups.

Compact Dimensions

With dimensions of 0.2m in width and ranging from 1.8m to 3.0m in height, these soldiers are well-suited for deployment in narrow trenches, maximising safety while minimising spatial footprint.

Safety Compliance

Rated for depths up to 3.0m and a pressure rating of 20 kPa, it meets stringent safety standards, providing peace of mind during operations.

Adjustable Strut Sizes

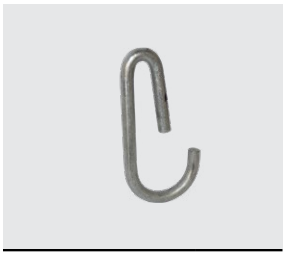
The adjustable strut sizes from 0.6 to 0.9m, with additional options available (1.0 to 1.8m and 1.5 to 2.5m). This flexibility allows customisation based on specific trench requirements, enhancing versatility on various projects.



Product Code	Panel Width (m)	Panel Height (m)	Weight per set (kg)	Panel Thickness (mm)
2451	0.2	1.8	35	45
2452	0.2	2.4	38	45
2453	0.2	3	49	45

The increase in weight for the 3.0m soldiers is due to the requirement for three struts, whereas the other two sizes only require two struts.

Manual Soldier Accessories



G Hoop Pin for Acrow Struts

Product Code: 2312

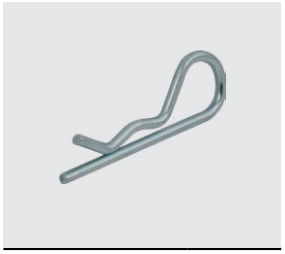
Weight: 0.5kg



Hardened Pin & R Clip

Product Code: 2303

Dimensions:
85mm x 12mm



Zinc Plated ‘R’ Clip

Product Code: 3558

Dimensions: 4mm



Acrow Adjustable Strut

Product Code	Dimensions (m)	Weight (kg)
2305-XS	0.4 to 0.6	4.8
2305-S	0.6 to 0.9	7
2305-M	1.0 to 1.8	10.8
2305-L	1.5 to 2.5	13.6



Hydraulic Vertical Shores

Precision Support. Maximum Safety.



Lightweight & Robust

Particularly advantageous in scenarios involving existing utilities. Its aluminium construction ensures ease of handling without compromising strength, allowing for quick installation and removal by a minimal crew.

Hydraulic Pump

Keeps your trench support system pressurised, ensuring maximum stability in high-risk excavations. No power? No problem. The manual operation means you can keep working even in remote locations.

Hydraulic Vertical Shores

Product Code	Panel Width (m)	Panel Height (m)	Weight per set (kg)	Panel Thickness (mm)
2457	0.2	2.4	40	5
2456	0.2	1.0	20	5

Vertical Shores Accessories



Rail Pin, With Split Ring

Product Code: 2465



Extension Oversleeve Pin With Split Ring

Product Code: 2466 & 2467

Dimensions:
82mm x 6.35mm (2466)
105mm x 6.35mm (2467)



Hydraulic Pump

Product Code: 2459

Capacity: 20L



Biodegradable Hydraulic Fluid Concentrate

Product Code: 2458

Hydraulic Ram Only

Product Code	Dimensions (m)
2461	0.58 to 0.90
2463	1.3 to 2.2

Extension Sleeve



Product Code	Dimensions (m)
2460-S	0.58 to 0.92
2460-M	0.85 to 1.18
2460-L	1.13 to 1.45
2460-XL	1.40 to 1.73
2462-S	1.33 to 2.20
2462-M	1.93 to 2.80
2462-L	2.38 to 3.25
2462-XL	2.73 to 3.60

The 2460 series goes with the 2461 rams while the 2462 series goes with the 2463 rams.



PRODUCT CODE: 2610

Ladder Platforms & Ladders

Gear That Reduces Your Risk!

Guardian Ladder Platform for Shield Access & Exit

- Stable Entry & Exit – Designed to attach to trench shields, reducing risk when accessing deep trenches.
- Secure Grip – Non-slip surface and guardrails for added safety when climbing in and out.
- Fast Installation – Simple to attach, so your team spends less time setting up and more time getting the job done.

Guardian Telescopic Walkway (1.2 - 2.0m)

- Safe Site Navigation – Provides a secure, non-slip walkway across trenches and uneven ground.
- Adjustable Length – Expands to fit different trench widths, ensuring flexibility for changing site needs.
- Compact & Portable – Lightweight and easy to move, ideal for fast-paced civil works.

Guardian Extension Ladder (4.1 - 7.2m)

- Reliable Trench Access – Safely enter and exit deep excavations.
- Adjustable Length – Suits different trench depths, giving workers secure access across multiple site setups.
- Built for Durability – Strong, lightweight construction that's easy to transport and position on-site.
- 3 options available ranging from 2.9m to 7.2m.

Guardian 3.5m Cross-Over Walkway with Handrails

- **Overtrench Safety First** – Keeps workers safe when moving over trenches, utilities, or hazardous zones.
- **Strong & Secure** – Built to handle site conditions, reducing the risk of slips and falls.
- **Handrails for Extra Protection** – Ensures stability when carrying tools or materials over trenches.

Our Range:



PRODUCT CODE:
2611 or 2351

DESCRIPTION:
Guardian Ladder Platform for Shield Access & Exit.



PRODUCT CODE:
2612 or 2352-S

DESCRIPTION:
Guardian Telescopic Walkway 1.2-2.0m.



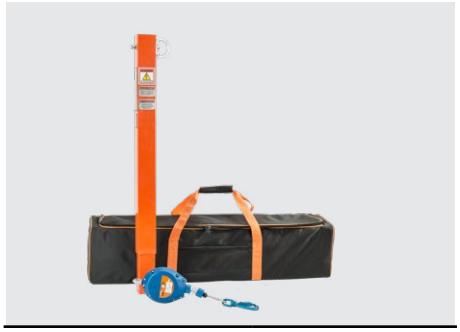
PRODUCT CODE:
2641

DESCRIPTION:
- Mobile Anchor Cube
- Overall dimensions of 1.2 x 1.2 x 0.4m (47.2 x 47.2 x 15.7 in) and weighing 1400kg (3,087 lbs).



PRODUCT CODE: 7124H

DESCRIPTION:
- 4 Leg 4.25T Tagged Lifting Chain Set.
- 4mx8mm Chain With Safety Hooks and Shorteners.



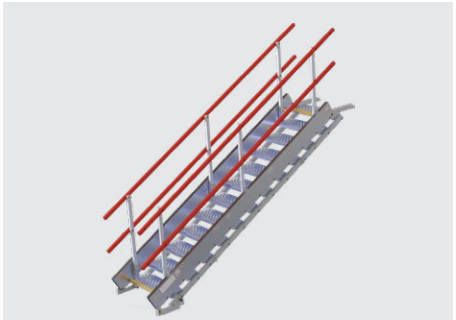
PRODUCT CODE: 2620 Kit

DESCRIPTION:
Guardian Fall Arrest Post Kit With Reel, Harness & Bag.



PRODUCT CODE: 2652

DESCRIPTION:
Guardian 3.5m Cross Over Walkway With Handrails.



PRODUCT CODE: 2665

DESCRIPTION:
Customizable, self-levelling access system for multiple applications, operating from 0°–65°. Standard width is 0.6m (2 ft), with larger widths available. Lightweight and anodized.

Rigid Extension Ladder



Note: Single layer ladders available.

Product Code:	Dimensions (m)	Weight (kg)	Load Rating (kg)	Rungs
2540	4.1 extendable to 7.2	18.7	135	13 'D' shape rungs for operator's comfort.
2540-S	2.9 extendable to 4.7	13.6	150	9 'D' shape rungs for operator's comfort.
2543	3.6	7.4	150	11 'D' shape rungs for operator's comfort.

The extendable ladders feature a side-mounted rope to reduce tripping hazards, a triple pulley system that makes lifting and extending the ladder three times easier. They also have an auto height lock for enhanced safety and wide heavy-duty feet for improved traction and durability. The ladders are fully compliant with AS/NZS 1892:201 standards.

Davit Arms and Winches

Compliance Made Easy – Certified & Ready to Hire

Easy Lifting and Lowering

This is not just rescue equipment. It can be used as a material load lifting, with a max capacity of 140kg. The material winch is used for this function.

Durable & Corrosion-Resistant Construction

The kit's stainless steel and aluminium components withstand harsh weather, chemicals, and moisture.

High-Capacity, Controlled Lifting

The system features winches with 18m and 24m wire ropes, plus self-locking and triple-action hooks, which allow for safe lifting and lowering. These safety features protect workers and equipment from accidental drops and help maintain control in rescue situations.

Quick Deployment & Easy Adjustment

The 3-piece davit arm is fast to assemble and offers adjustable height options (1.9–2.7m), making it simple to adjust to different setups, saving time and reducing risk of errors during setup. Which is crucial when every second counts in an emergency.

Versatile Mounting Options

The base fits a wide range of diameters (20–205mm), allowing secure anchoring to different structures. This flexibility means the system can be used across multiple job sites, offering maximum value and convenience with minimal reconfiguration.

Recovery/Personnel Winch

Designed to arrest a person's fall and safely recover or lift injured or incapacitated personnel from a trench, manhole or confined space. Not to be used for materials.

Materials Winch

Designed to safely lower and raise tools, equipment and other materials to workers operating in a manhole, trench or at depth. Not to be used for personnel.

Integrated, Seamless System

Each component is engineered to work together smoothly, creating a complete, portable safety solution. This reduces compatibility issues and ensures compliance with safety standards—giving you peace of mind that your team is protected.



Davit Arm Complete Kit

PRODUCT CODE: 2600

DESCRIPTIONS:

- Guardian Pro-6G Davit Arm Kit, Recovery Winch, Material Winch And Barrel Mount Clamp 20-205mm.

Our Range:



Fall Arrest Recovery Winch

PRODUCT CODE:	2604
WEIGHT:	16kg

DIMENSIONS:
275mm long x 220mm wide x 630mm high

DESCRIPTIONS:
- Aluminium housing.
- 24m steel 6mm wire rope
- 6mm grade 80 swivel self-locking hook.
- Type 3 SRL AS/NZS1891.3
- Only used as a fall arrest and in the event of an emergency, for rescue of a person that has suffered a fall by way of lifting or lowering via the winch mechanism.
- Lifting capacity of 136kg.



Guardian Pro 6 Barrel Davit Sheet Pile Clamp Mount Base

PRODUCT CODE:	2608
WEIGHT:	18kg

DESCRIPTIONS:
- 0-25mm.
- Barrel mount base, for use with Davit arms on sheet piles.
- Hi-vis orange.
- Steel construction which is electro galvanised and powder coated.
- Adjustable throat opening to accommodate sheet piles with widths of 0mm
- to 25mm.
- Increased surface area of critical holding points that contacts the aluminium shoring panels to prevent puncture and piercing of panels when in use.



Davit Arm Only

PRODUCT CODE:	2601
MATERIAL:	Aluminium
WEIGHT:	22.6kg

DIMENSIONS:
Can go from 1.9m to 2.7m high

DESCRIPTIONS:
- 0.5m to 0.7m mast.
- Safe working load is 1 person weighing a maximum of 136kg including all clothing, tools and equipment connected to the type 2 or type 3 inertia reel/recovery winch.



Materials Winch

PRODUCT CODE:	2605

DESCRIPTIONS:
- Stainless steel 304 housing
- 18m grade G1870 6mm wire rope.
- 6mm grade 80 swivel self-locking hook
- Complies with AS1418.2, BS EN 13157: 2004+A1:2009 and relative EC Declaration of Conformity 2006 / 42 / EC / appendix 11A.
- Only used for lowering and lifting material loads (not human).
- Lifting capacity of 140kg
- Automatic weatherproof Weston brake.
- Automatic load actuated braking system (no freewheeling under load).



Barrel Mount Base

PRODUCT CODE:	2602
WEIGHT:	25kg

DESCRIPTIONS:
- Adjustable throat opening to accommodate shoring panels with widths of 20mm to 200mm.

Handrails

Secure Your Site. Protect Your Team.



PRODUCT CODE: 2488

Strong & Sturdy Construction

Built to withstand site conditions while keeping workers safe. Constructed out of T6061 aluminum for extra strength and lightweight.

The handrails click into the feet with 1 pin per foot - easy! The feet clamps are adjustable to fit shields from 50mm to 200mm thick.

Quick & Easy Installation

Simple attachment to trench shields means minimal downtime and maximum protection.

Multiple Length Options

Available in 2.0m, 2.4m, 3.0m, and 4.0m to suit different trench sizes.

Compliance with Safety Standards

One meter high hand rails meet worksite safety regulations and prevent costly accidents.

Our range:

Product Code	Dimensions (m)	Material	Description
2485-2	2.0	Aluminium	Handrail set 2 x Feet To Suit 50-200mm Panels
2485-24	2.4	Aluminium	
2485-3	3.0	Aluminium	Handrail set 3 x Feet To Suit 50-200mm Panels
2485-4	4.0	Aluminium	
2491	Fits 50mm to 200mm Panels	Steel with rubber pad	Handrail foot clamp only



PRODUCT CODE: 2485-4

Ground Mats and Joiners

Designed for Quick Installation. Built for Turf Protection.



PRODUCT CODE: 2808B

Prevents Ground Damage

Protects grass, soft soil, and finished surfaces from heavy machinery and vehicle traffic.

Improves Site Safety

Cross tread pattern on one side provides a stable, non-slip surface to reduce the risk of machinery or workers sinking in soft ground.

Heavy-Duty Load Capacity

Handles the weight of heavy vehicles, ensuring safe access in tough conditions.

Lightweight & Easy to Handle

Designed for quick installation and repositioning as site conditions change.
4 handles per mat for ease of lifting.

Custom Layouts for Any Site

2-way links create straight paths while 4-way links allow for wider stable work zones. The links keep mats locked together, preventing shifting under the load using the mats.

Enhances Safety & Efficiency & Cost

Using ground mats can save a lot of time & money while keeping your team and those around you safe. Vehicles don't get stuck and the ground is not ruined saving costs of repairing the turf and delay on future work.

Product Code	Length (mm)	Material	Thickness (mm)	Weight (kg)
2808B	2440 x 1220	HDPE	12	39

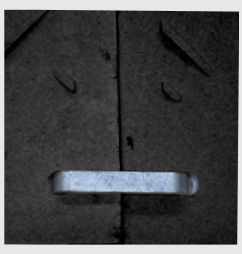
Without Ground Mats	Ground Mats Down	Ground Mats are Taken Up
		



PRODUCT CODE: 2834

DESCRIPTIONS:

- 4 Way ground protection mat links, for connecting four mats together.



PRODUCT CODE: 2832

DESCRIPTIONS:

- 2 Way ground protection mat links, for connecting two mats together, either on the sides or at the ends.



PRODUCT CODE: 2489

Trench Covers

Smart Safety Solutions for Smarter Job Sites.

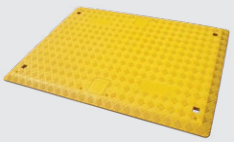
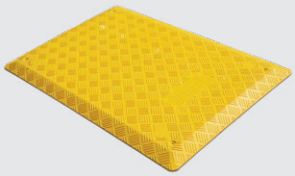
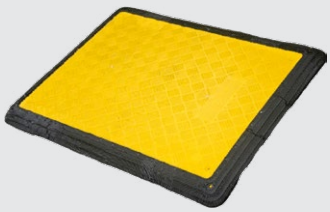
Pedestrian-Safe

Lightweight and slip-resistant, designed to keep foot traffic safe around open trenches.

Strong Yet Lightweight

Easy to handle and install without heavy machinery. The balance of strength versus weight is achieved by using plastic with structural steel bracing for strength.

Reinforced Plastic Pedestrian Trench Cover

	Product Code	Dimensions (mm)	Max Load	Weight
	2489	1400 (L) x 800 (W)	▪ 600kg over 0.6m wide trench	19kg approx
	2490	1600 (L) x 1200 (W)	▪ 350kg over 1.1m wide trench ▪ 500kg over 0.9m wide trench ▪ 600kg over 0.7m wide trench ▪ 700kg over 0.5m wide trench	26kg approx
	2492	1200 (L) x 800 (W)	▪ 500kg over 0.9m wide trench ▪ 600kg over 0.7m wide trench ▪ 700kg over 0.5m wide trench	13kg approx
	2511	1200 (L) x 800 (W)	▪ 500kg over 0.9m wide trench ▪ 600kg over 0.7m wide trench ▪ 700kg over 0.5m wide trench	23kg approx
	2512	1600 (L) x 1200 (W)	▪ 350kg over 1.1m wide trench ▪ 500kg over 0.9m wide trench ▪ 600kg over 0.7m wide trench ▪ 700kg over 0.5m wide trench	39kg approx

Steel Road Plates

Smart Safety Solutions for Smarter Job Sites.

Heavy-Duty Steel Road Plates
Available in different sizes and thicknesses. Made of grade 250 steel to ensure reliable strength.

Temporary Road Access
Bridges trenches and excavations, keeping traffic moving. From pedestrian walkways to high-traffic roads, Guardian has the right solution to keep your site safe and efficient.

High Load Capacity
Designed for heavy-duty use, from construction vehicles to public traffic.

Durable & Reliable
Built to withstand constant wear, making them a long-term site solution.

Our Range:

Product Code	Length (m)	Width (m)	Thickness (m)	Weight (kg)
2500	2.4	1.2	12	250
2501	2.4	1.2	25	700
2502	2.4	1.5	25	750
2505	3.0	2.0	25	1200
2507	4.0	2.4	25	1920



PRODUCT CODE: 2500

When the Ground Shifts, Guardian Shields Hold Strong.

The underestimated strength of aluminium trench shields, modular panels & soldier sets.

Do you think aluminium shoring is strong? Check out how our aluminium shields and modular panels are rigorously tested and made to ensure they have the ultimate strength-to-weight ratio. This makes them easy to contractors like you to use them on sites and get your team home safely each night to their friends and families.

All our shields are tested vigorously, keeping your crew protected and your mind at ease!

How our aluminium shields are tested:

In the image, you can see our shields being rigorously tested at National Trench Safety, a large American company that sells, hires and trains in all things trench shoring in the USA. These shields were subjected to an 80-tonne load of steel road plates, demonstrating their incredible durability and resilience under extreme pressure.



How our aluminium modular panels are tested:

Similarly, our aluminium modular panels were tested at GME in the USA with a hydraulic ram pushing into the centre of the aluminium extrusion the modular panels are made of. The breaking point was 2,565kg (5,655 lbs) for a 200mm wide (8 inches) extrusion.

The aluminium extrusions our shields and modular panels are made from is engineered by heating aluminium until it's soft, then using a large ram to press it through a cross-sectional profile die, resulting in aluminium extrusions. The die is what the manufacturer uses to create the famous lightweight-to-strength ratio of our aluminium shields...

To Read More,
SCAN HERE!

Scan these QR codes to access How-To's, Verses, and FAQ videos.



How to Assemble a 2301 Shield Video



FAQ's on 2301 Shield Video



Everything you need to know about our Pro-6G Davit Arm kit?



How to Assemble a Large Trench Shield Video



FAQ's on Large Trench Shield



Modular Boxes vs Trench Shields: Which is Right for Your Job Site?



How to Assemble Modular Trench Shoring System



FAQ's on Modular Trench Shoring System Video



Our Aluminium Trench Shields VS Steel Trench Shields



Video to Answer the Most Commonly Asked Questions About Soldier Sets



Video to Answer Your Most Common Ground Mat Questions

Guardian Shield Certifications – All in One Place



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Christchurch 8042

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6a Te Apunga Place, Mount
Wellington, Auckland 1060

NORTH AUCKLAND HIRE YARD
8 Furnace Place, Silverdale,
Auckland 0932

WELLINGTON HIRE YARD
24E Takapu Road, Grenada North,
Wellington 5028

All Guardian products are engineered and manufactured to comply with applicable industry standards and safety regulations in New Zealand, including those related to excavation support and ground stabilization. However, it is the sole responsibility of the end user to ensure that all equipment is used correctly, safely, and within the limits for which it is designed. By purchasing or using our products, the user acknowledges and accepts full responsibility for ensuring the equipment is used appropriately and in compliance with all applicable regulations and best practices. Always consult a qualified engineer or competent person before use.